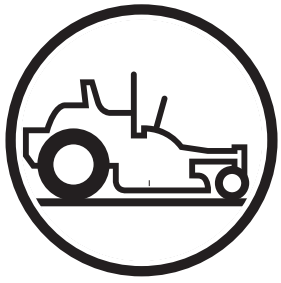
Operator´s manual and parts list

CZ 48

48 Inch Consumer Z Grass Catcher

Please read these instructions carefully and make sure you understand them before using the machine.



English

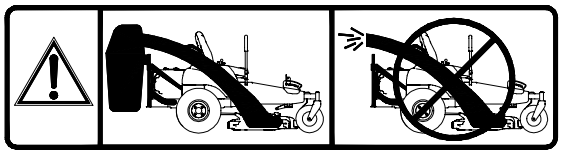
CONGRATULATIONS on your purchase of a new Grass Catcher. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact your nearest authorized service center/ department. They have competent, well-trained technicians and the proper tools to service or repair this mower.

Please read and retain this manual. The instructions will enable you to assemble and maintain your Grass Catcher properly. Always observe the "SAFETY RULES".

NOTE: To make debris disposal easier 30 gallon (3.0 mil) plastic trash bags may be inserted in plastic grass containers.

SYMBOL DECAL



Warning DO NOT operate mower with the discharge chute not attached to the collection container.

KNOW YOUR GRASS CATCHER

READ THIS OPERATION MANUAL AND SAFETY RULES BEFORE ASSEMBLING OR OPERATING YOUR GRASS CATCHER. Compare the illustrations with the carton contents to familiarize yourself with the parts before starting the assembly. Study the operating instructions and safety precautions thoroughly to insure proper functioning of your Grass Catcher and to prevent injury to yourself and others. Save this manual for future reference.

WARNING

The operation of any mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. ALWAYS wear safety glasses or eye shields before starting your mower and while mowing. We recommend a wide vision safety mask for over the spectacles or standard safety glasses.

TABLE OF CONTENTS

SAFETY INSTRUCTIONS 3-8
CARTON CONTENTS 9
ASSEMBLY ..... 10 - 13
OPERATION 14
CUSTOMER RESPONSIBILITIES 15
STORAGE 15
PARTS ..... 16 - 17

©2003 Husqvarna. All Rights Reserved.
Beatrice, NE.

Safety Instructions

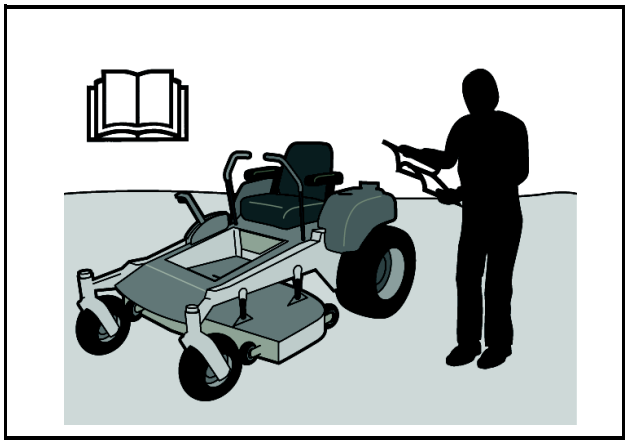
These instructions are for your safety. Read them carefully.

WARNING!

This symbol means that important safety instructions need to be emphasized. It concerns your safety.

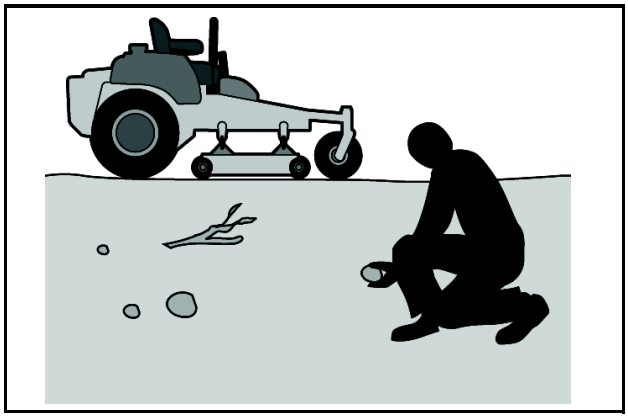
General Use

- Read all instructions in this operator's manual and on the machine before starting it. Ensure that you understand them and then abide by them.
- Learn how to use the machine and its controls safely and learn how to stop quickly. Also learn to recognize the safety decals.
- Only allow the machine to be used by adults who are familiar with its use.
- Make sure nobody else is in the vicinity of the machine when you start the engine, engage the drive, or run the machine.
- Make sure animals and people maintain a safe distance from the machine.
- Stop the machine if someone enters the work area.
- Clear the area of objects such as stones, toys, steel wire, etc. that may become caught in the blades and thrown out.
- Beware of the discharge deck and do not point it at any one. Do not use the machine without the discharge deck in place.
- Stop the engine and prevent it from start-ing before you clean the discharge deck.
- Remember that the operator is responsible for dangers or accidents.
- Never take passengers. The machine is only intended for use by one person.
- Always look down and behind before and during reversing maneuvers. Keep a look out for both large and small obstacles.
- Slow down before turning.
- Shut down the blades when not mowing.

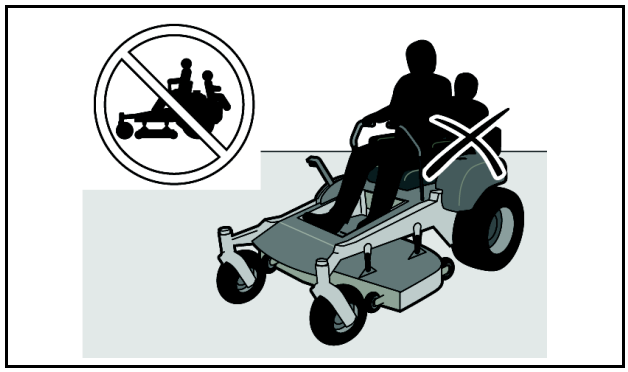


8011-512

Read the operator's manual before starting the machine



Clear the area of objects before mowing 8011-513



Never take passengers 8011-520

- Be careful when rounding fixed objects, so that the blades do not hit them. Never drive over foreign objects.
- Only use the machine in daylight or in other well-lit conditions. Keep the machine a safe distance from holes or other irregularities in the ground. Pay attention to other possible risks.
- Never use the machine if you are tired, if you have consumed alcohol, or if you are taking other drugs or medication that can affect your vision, judgment, or coordination.
- Beware of traffic when working near or crossing a road.
- Never leave the machine unsupervised with the engine running. Always shut down the blades, pull back the parking brake, stop the engine, and remove the ignition key before leaving the machine.
- Never allow children or other persons not trained in the use of the machine to use or service it. Local laws may regulate the age of the user.

WARNING!

Engine exhaust and certain vehicle components contain or emit chemicals considered to cause cancer, birth defects, or other reproductive system damage. The engine exhaust contains carbon monoxide, which is a colorless, poisonous gas. Do not use the machine in enclosed spaces.

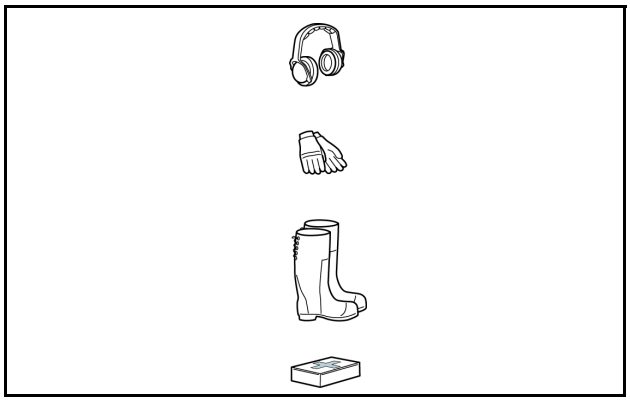
8011-518

Keep children away from the work area

WARNING!

When using the machine, approved personal protective equipment shall be used. Personal protective equipment cannot eliminate the risk of injury but it will reduce the degree of injury if an accident does happen. Ask your retailer for help in choosing the right equipment.

- Make sure that you have first aid equipment close at hand when using the machine.
- Never use the machine when barefoot. Always wear protective shoes or boots, preferably with steel toecaps.
- Always wear approved protective glasses or a full visor when assembling or driving.
- Never wear loose clothing that can get caught in moving parts.



Personal protective equipment

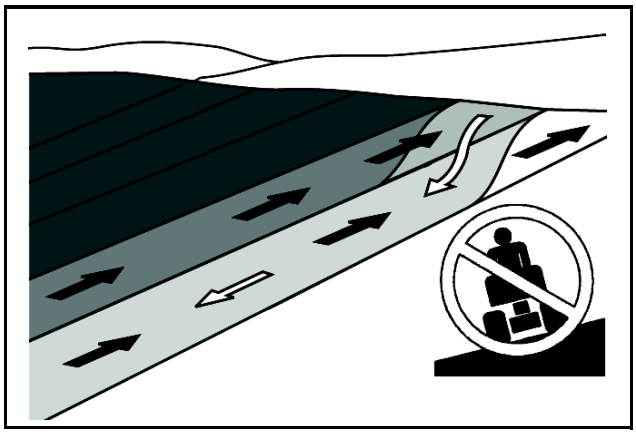
8011-292

Driving on Slopes

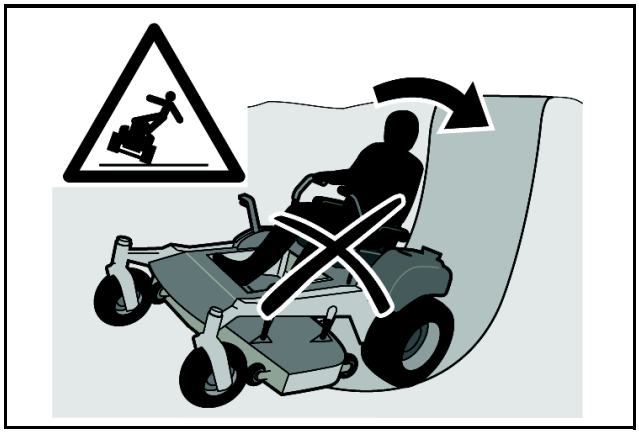
Driving on slopes is one of the operations where the risk is greatest that the driver will lose control or the machine will tip over, which can result in serious injury or death. All slopes require extra caution. If you cannot reverse up a slope or if you feel unsure, do not mow the slope.

Do as follows

- Remove obstacles such as stones, tree branches, etc.
- Mow up and down, not side-to-side.
- Never drive the rider on terrain that slopes more than 10°.
- Avoid starting or stopping on a slope. If the tires begin to slip, shut down the blades and drive slowly down the slope.
- Always drive evenly and slowly on slopes.
- Make no sudden changes in speed or direction.
- Avoid unnecessary turns on slopes, and if it proves necessary, turn slowly and gradually downward, if possible.
- Watch out for and avoid driving over furrows, holes, and bumps. On uneven terrain, the machine can tip more easily. Long grass can hide obstacles.
- Drive slowly. Use small movements of the steering controls.
- Be extra cautious with any additional equipment, which can alter the machine's stability.
- Do not mow near verges, ditches, or banks. The machine can suddenly spin around if a wheel goes over the edge of a drop or ditch, or if an edge gives way.
- Do not mow wet grass. It is slippery, and the tires can lose their grip, so that the machine slides.
- Try not to stabilize the machine by putting a foot on the ground.
- When cleaning the chassis, the machine may never be driven near verges or ditches.



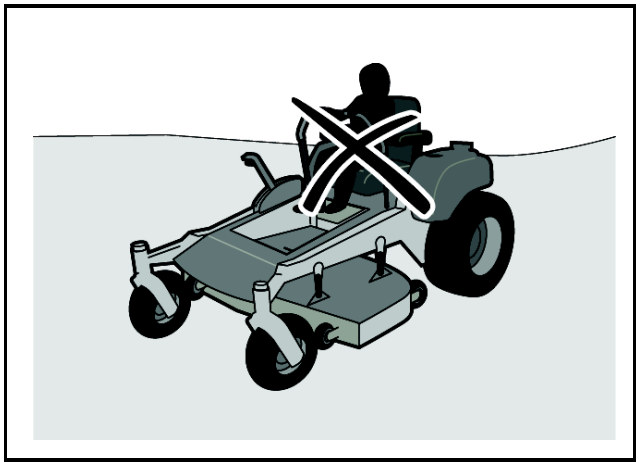
Mow up and down, not side-to-side 8003-004



Be extra cautious when driving on slopes 8011-519

Children

- Serious accidents may occur if you fail to be on guard for children in the vicinity of the machine. Children are often attracted to the machine and mowing work. Never assume that children will stay put where you last saw them.
- Keep children away from the mowing area and under close supervision by another adult.
- Keep an eye out and shut off the machine if children enter the work area.
- Before and during a reversing maneuver, look backward and downward for small children.
- Never allow a child to ride with you. They can fall off and injure themselves seriously or prevent risk-free maneuvering of the machine.
- Never allow children to operate the machine.
- Be particularly cautious near corners, bushes, trees, or other objects that block your view.

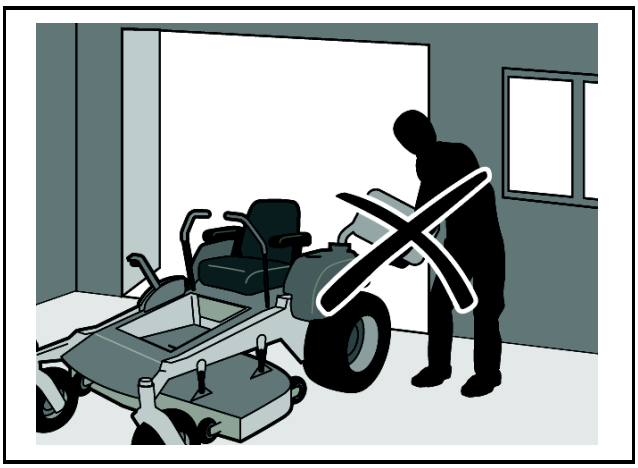


Never allow children to operate the machine 8011-517

WARNING!

The engine must not be started when the driver's floor plate or any protective plate for the mower deck's drive belt is removed.

- Stop the engine. Prevent the engine from starting by removing the ignition key before making any adjustments or performing maintenance.
- Never fill the fuel tank indoors.
- Fuel and fuel fumes are poisonous and extremely flammable. Be especially cautious when handling fuel, as carelessness can result in personal injury or fire.
- Only store fuel in containers approved for the purpose.
- Never remove the fuel tank cap and never fill the fuel tank while the engine is running.



Never fill the fuel tank indoors 8011-516

- Allow the engine to cool before refueling. Do not smoke. Do not fill fuel in the vicinity of sparks or open flames.
- If leaks arise in the fuel system, the engine must not be started until the problem has been resolved.
- Store the machine and fuel in such a way that there is no risk of leaking fuel or fuel vapor leading to damages.
- Check the fuel level before each use and leave space for the fuel to expand, because the heat from the engine and the sun may otherwise cause the fuel to expand and overflow.
- Avoid overfilling. If you spill fuel on the machine, wipe up the spill and wait until it has evaporated before starting the engine. If you have spilled fuel on your clothing, change your clothing.
- Allow the machine to cool before taking any actions in the engine compartment.
- Be very careful when handling battery acid. Acid on skin can cause serious corrosive burns. If you spill battery acid on your skin, rinse immediately with water.
- Acid in the eyes can cause blindness, contact a doctor immediately.
- Be careful when servicing the battery. Explosive gases form in the battery. Never perform maintenance on the battery when smoking or near open flames or sparks. The battery can explode and cause serious injury/ damage.
- Ensure that nuts and bolts, especially the fastening bolts for the blade attachments, are properly tightened and that the equipment is in good condition.
- Do not modify safety equipment. Check regularly to be sure it works properly. The machine must not be driven with defective or unmounted protective plates, protective cowlings, safety switches, or other protective devices.
- Do not change the settings of governors and avoid running the engine with overly high engine speeds. If you run the engine too fast, you risk damaging the machine components.

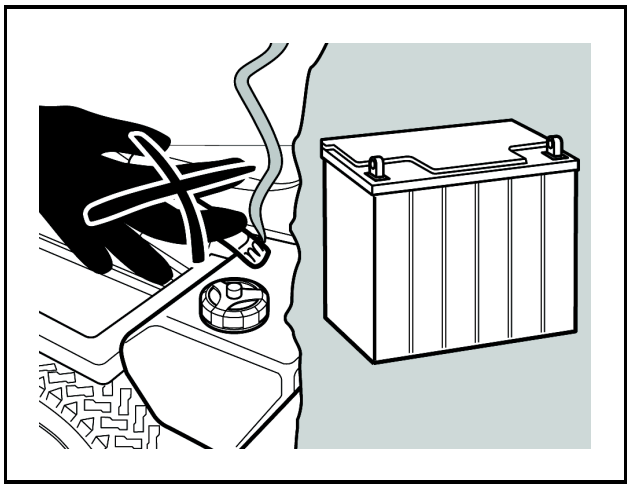
WARNING!

The engine, the exhaust system, and the hydraulic system's components become very warm during operation.

Risk for burns if touched.

WARNING!

The battery contains lead and lead compounds, chemicals that are considered to cause cancer, birth defects, and other reproductive system damage. Wash your hands after touching the battery.



8011-563

Do not smoke when performing maintenance on the battery. The battery can explode and cause serious injury/damage

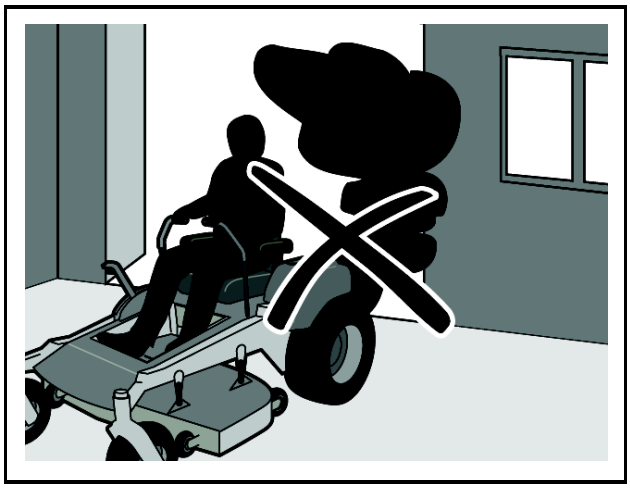
- Never use the machine indoors or in spaces lacking proper ventilation. The exhaust fumes contain carbon monoxide, an odorless, poisonous, and lethal gas.
- Stop and inspect the equipment if you run over or into anything. If necessary, make repairs before starting.
- Never make adjustments with the engine running.
- The machine is tested and approved only with the equipment originally provided or recommended by the manufacturer.
- The blades are sharp and can cause cuts and gashes. Wrap the blades or use protective gloves when handling them.
- Check the parking brake's functionality regularly. Adjust and service as necessary.
- The mulch deck shall only be used when higher quality mowing is desired in familiar areas.
- Reduce the risk of fire by removing grass, leaves, and other debris that may have accumulated on the machine. Allow the machine to cool before putting it in storage.

Transport

- The machine is heavy and can cause serious crushing injuries. Be extra cautious when it is loaded on or unloaded from a vehicle or trailer.
- Use an approved trailer to transport the machine. Activate the parking brake, turn off the fuel supply, and fasten the machine with approved fastening devices, such as bands, chains, or ropes, when transporting.
- Check and abide by local traffic regulations before transporting or driving the machine on any road.

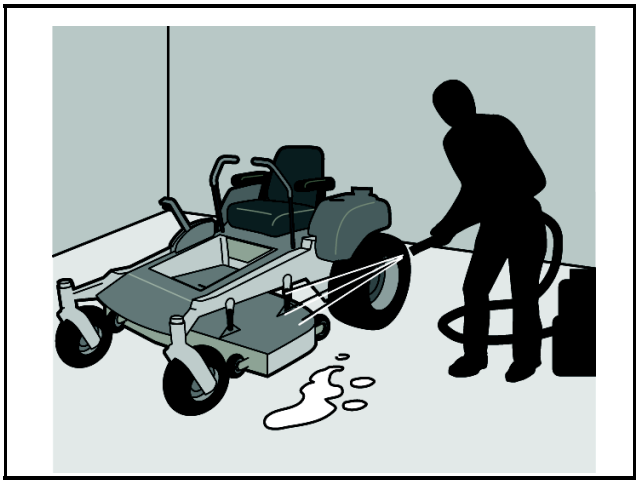
Catcher

- **DO NOT** operate mower with grass catcher, unless the front weights are installed.
- Grass catcher components are subject to wear, damage, and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts, when necessary.



8011-515

Never drive the machine in an enclosed space



8011-514

Clean the machine regularly

IMPORTANT INFORMATION

The parking brake is not sufficient to lock the machine in place during transport. Ensure that the machine is well fastened to the transport vehicle. Reverse the machine onto the transport vehicle to avoid tipping it over.

CARTON CONTENTS

UNPACKING INSTRUCTIONS

- Remove all parts and packing materials from carton.
- Check carton contents against list. Be sure all parts are there.

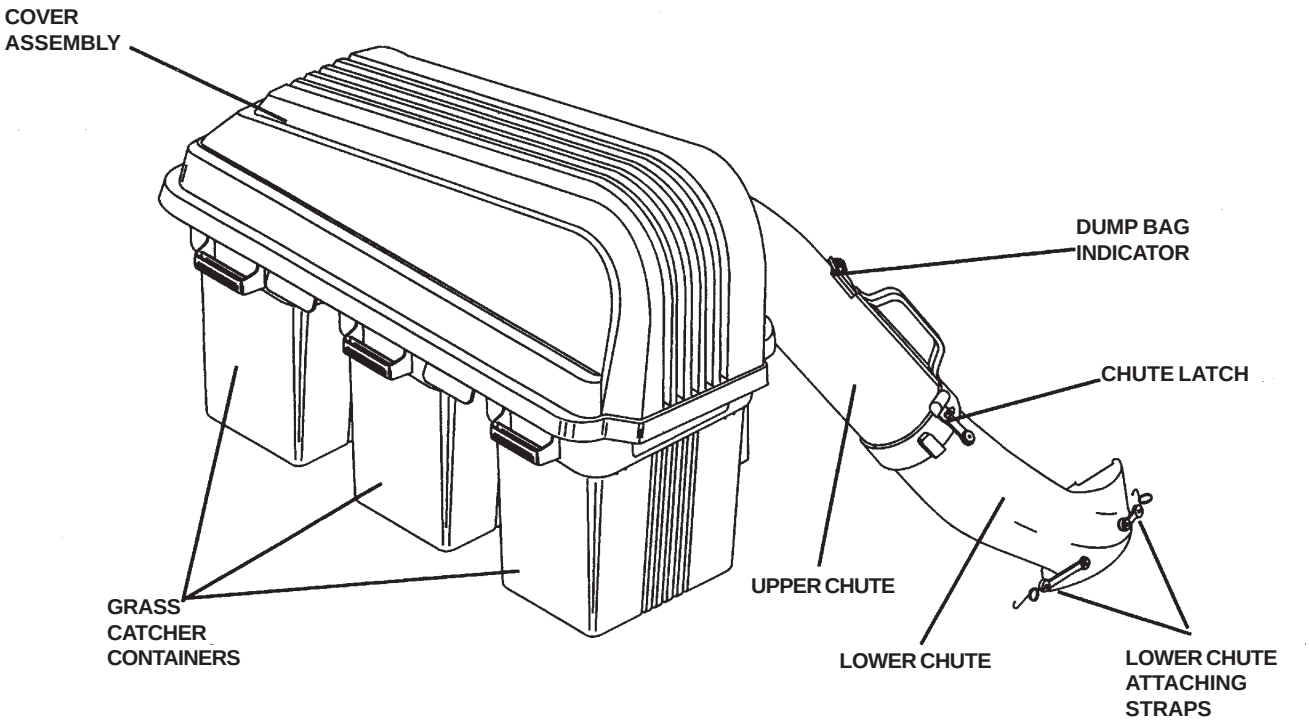
TOOLS REQUIRED FOR ASSEMBLY

(2) 1/2" Wrenches
(1) 9/16" Wrench
(1) 9/16" Socket wrench

CARTON CONTENTS:

3 - Container Tops	2 - Straps
3 - Container Bottoms	4 - Bolts 3/8-16 x 4 1/2"
1 - Upper Chute	4 - Nuts 3/8-16, centerlock
1 - Lower Chute	2 - Bolts 5/16-18 x 1 1/4"
1 - Catcher Mount	4 - Washers 5/16, flat
1 - Cover Assembly	2 - Washers, support
2 - Front Weights	2 - Nuts 5/16-18, nyloc

PARTS IDENTIFICATION



NOTE: When right hand (R.H.) and left hand (L.H.) are mentioned in this manual, it means when you are seated on the mower in the operator's position.

CAUTION

BEFORE ASSEMBLING GRASS CATCHER TO MOWER:

- **Set parking brake.**
- **Place motion control levers in "NEUTRAL " position.**
- **Turn ignition key "OFF" and remove key.**
- **Make sure the blades and all moving parts have completely stopped.**
- **Disconnect spark plug and place wire where it cannot come in contact with plug.**

ASSEMBLY

1 BAGGER SUPPORT ASSEMBLY (See Figures 1A and 1B)

1. Remove rear engine guard by removing the six bolts that attach the guard to the frame.
2. Attach hitch (Part No. 539108014) to the frame using the same holes and same six bolts that attached the rear engine guard.

***NOTE:** If your unit does not have the holes or slots on the fenders, you will need to mark and drill them before continuing.

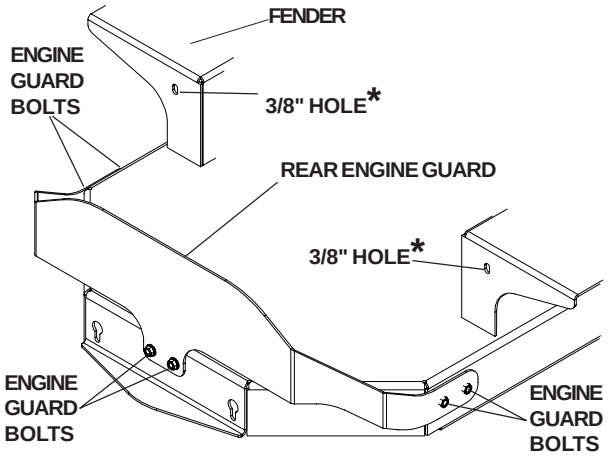


FIGURE 1A

3. Using the hardware shown, attach the upper arms of the hitch to the rear fenders of the frame.

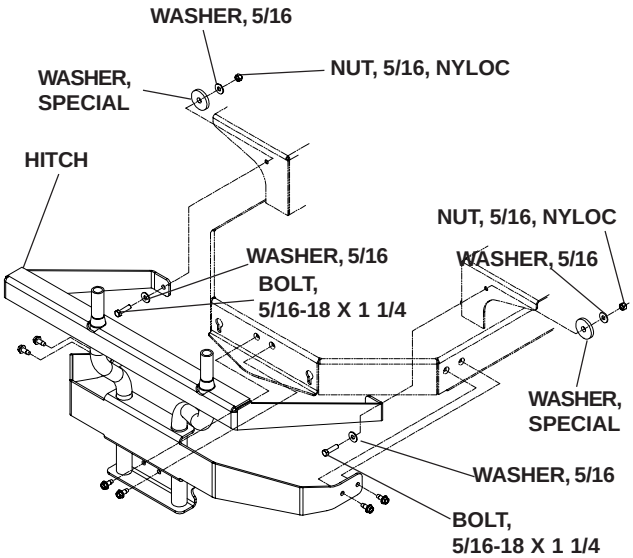


FIGURE 1B

2 MOUNTING COVER ASSEMBLY TO SUPPORT ASSEMBLY (See Figure 2)

NOTE: For ease of assembly, you may wish to obtain the assistance of another person for mounting cover assembly to mower.

1. Position cover assembly on ground behind mower as shown.
2. Lift and rotate cover to align cover brackets with support assembly tubes.
3. Slide cover assembly down onto the support tubes.

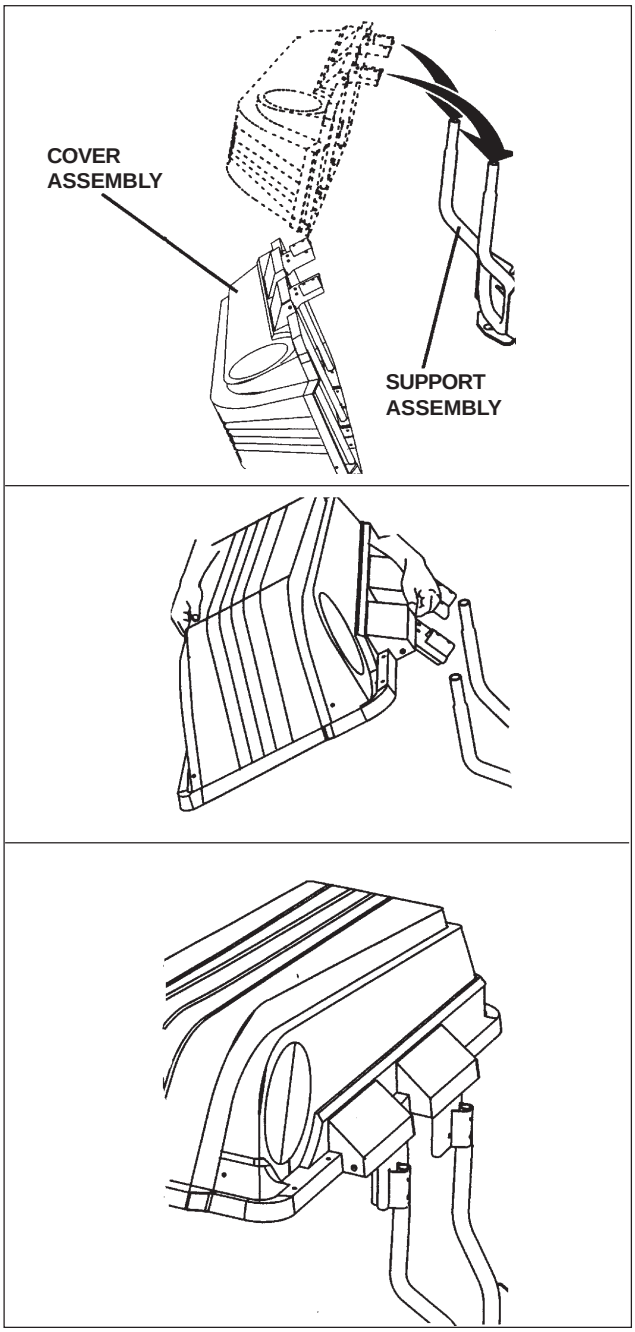
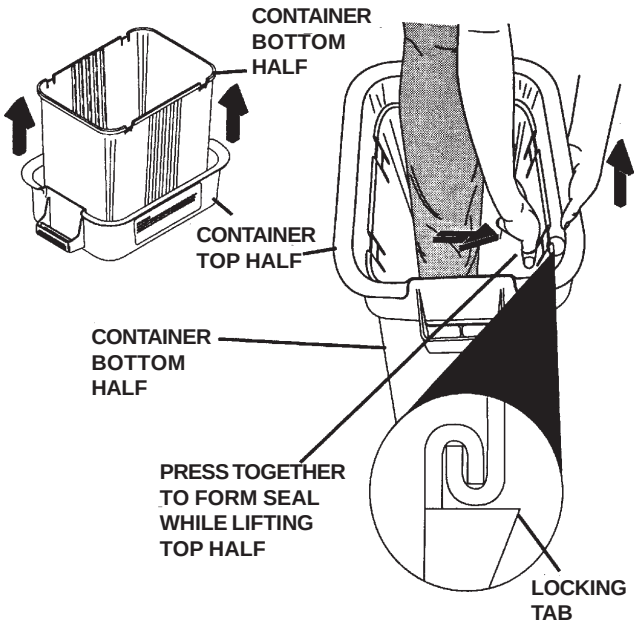


FIGURE 2

3 CONTAINER ASSEMBLY (See Figure 3)

1. Place bottom half inside of top half, as shown.
2. Place one foot inside bottom half and lift top half to meet bottom half.
3. Press halves tightly together while lifting top to lock into place as shown.

IMPORTANT: BEFORE LOCKING THE TABS, HOOKED EDGES ON BOTH HALVES MUST OVERLAP TO FORM SEAL AS SHOWN IN INSET.


CONTAINER BOTTOM HALF
CONTAINER TOP HALF
CONTAINER BOTTOM HALF
PRESS TOGETHER TO FORM SEAL WHILE LIFTING TOP HALF
LOCKING TAB

ASSEMBLY CHECK: Squeeze sides of lower half of container and check that there is no gap between upper and lower halves. If a gap appears, unlock tabs to separate container halves and repeat instructions above.

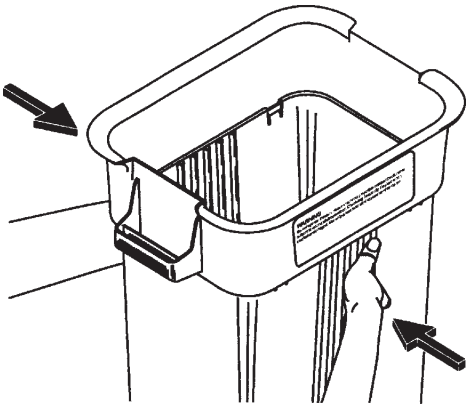


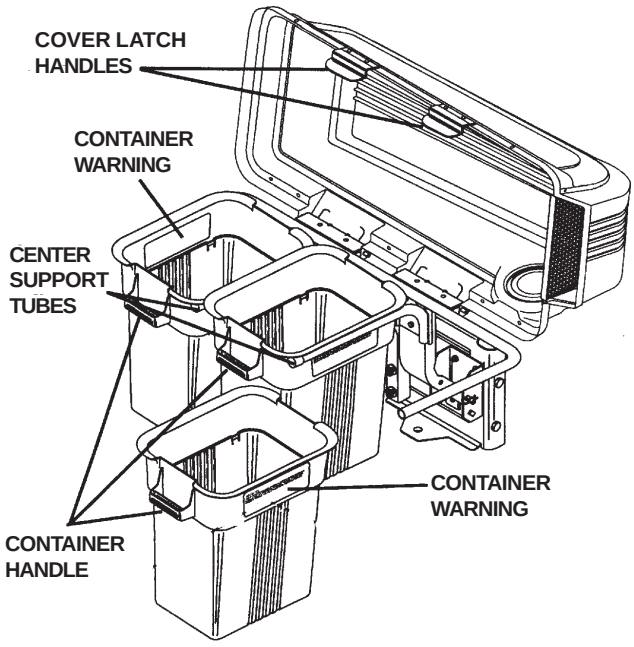
FIGURE 3

4 CONTAINER MOUNTING (See Figure 4)

1. Install one container to left side first with warning to the outside of unit. Install another container to center position and one in right position.

NOTE: Right container should always overlap left container at center supports.

2. Close cover and lock latch handles over center support tubes.



WARNING

DO NOT operate mower unless container is properly installed. Container is subject to wear and deterioration, check containers frequently, replace when cracked or damaged. Use only a recommended replacement container.

FIGURE 4

5 LOWER CHUTE (See Figure 5)

1. Turn mower engine off.
2. Raise and hold deflector shield in upright position.
2. Place slot in lower chute over tab on mower deck and position lower chute over deck opening as shown.
3. Hook rear latch into flange hole on back of mower deck.
4. Hook front latch into tab hole on front of mower deck.

⚠ CAUTION

Before raising deflector shield, turn mower engine off. DO NOT remove deflector shield from mower. Raise and hold shield when attaching lower chute and allow it to rest on chute while in operation.

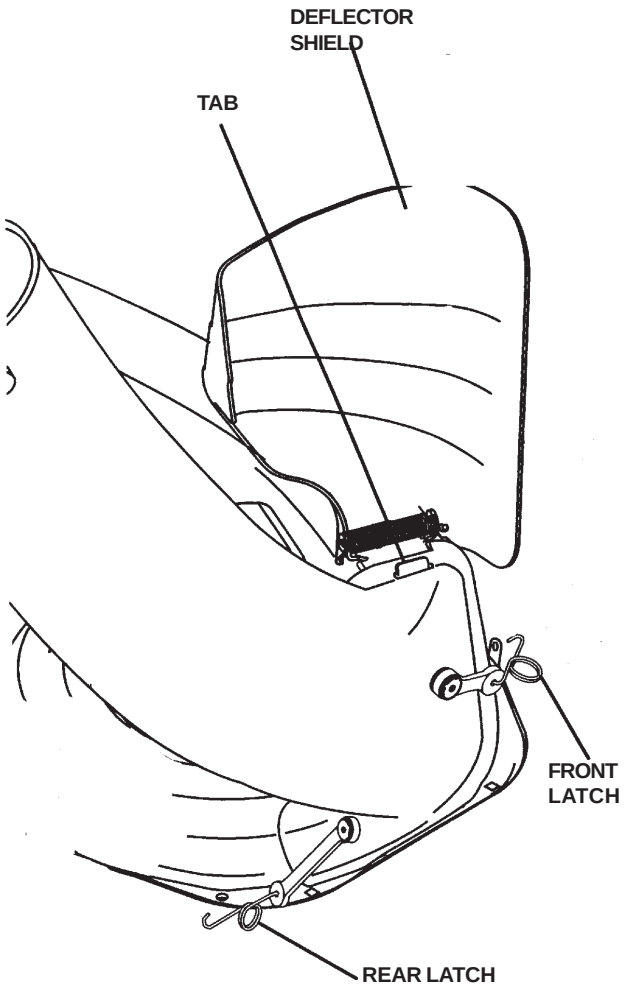


FIGURE 5

6 UPPER CHUTE (See Figures 6A & 6B)

1. Lower mower deck to its lowest cutting position.
2. Assemble upper chute by inserting curved end into hole in back of cover.

NOTE: Handle carefully so as not to damage dump bag indicator.

3. Push in and turn upper chute until it is in line with lower chute.
4. Align the bosses on lower chute with alignment slots on upper chute with alignment slots on upper chute and slide together.
5. Secure with rubber latch by hooking hole in latch over latch pin.

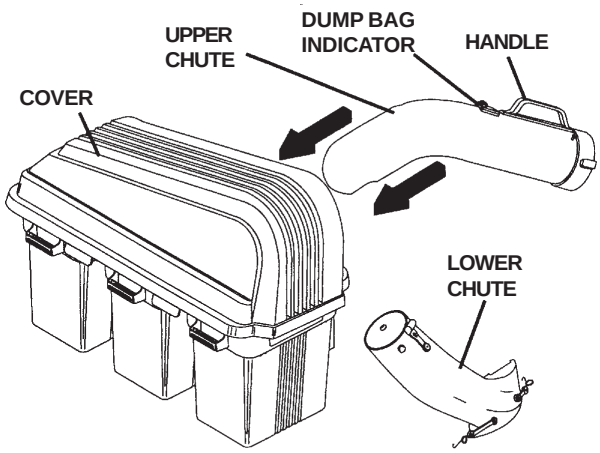


FIGURE 6A

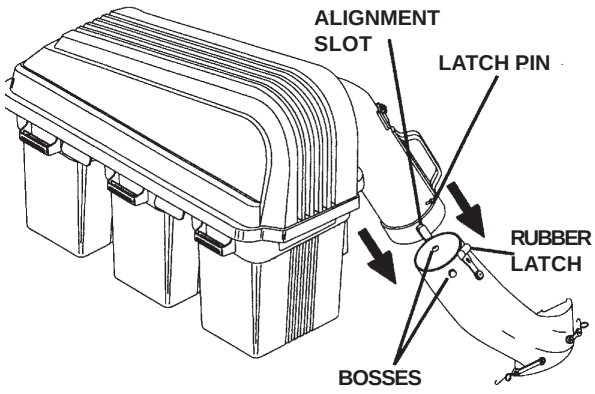


FIGURE 6B

7 LEVEL MOWER DECK

Be sure deck is properly leveled for best mower performance. See your mower operator's manual for instructions.

8 FRONT WEIGHTS (See Figure 8)

1. Turn casters so they are facing the front as shown.
2. Bolt the weights to the front tube of the frame as shown.

CAUTION

DO NOT operate mower with grass catcher, unless the front weights are installed.

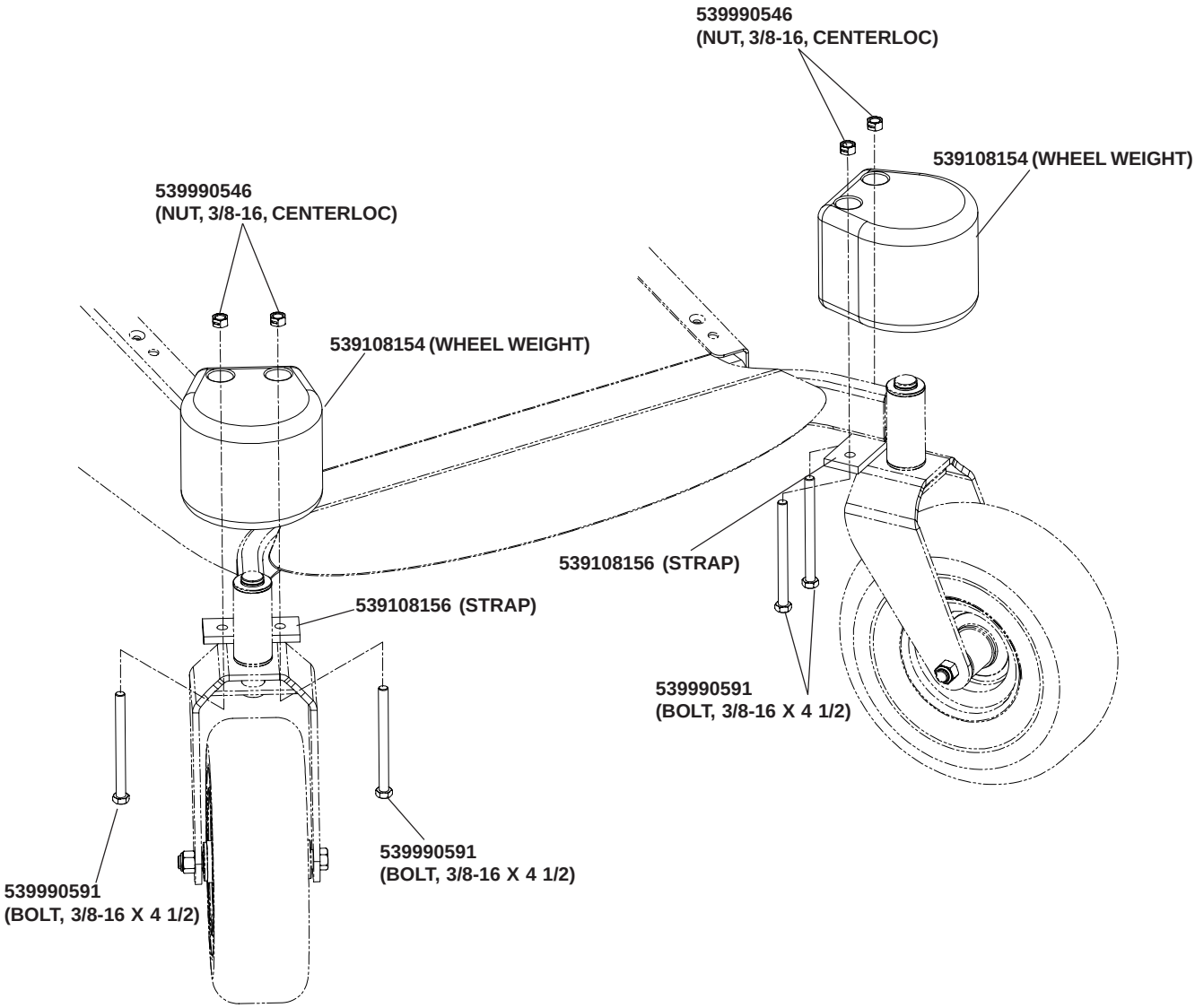


FIGURE 8

TIPS FOR IMPROVED BAGGING OPERATION:

Follow the mower operation instructions in you mower operator's manual.

When operating your grass catcher on a lawn where grass and leaf bagging equipment has not been used, you are picking up thatch and debris that has accumulated for long periods of time. The amount collected and the total time of operation may be greater than you will experience with regular use of your grass catcher.

- Always run throttle at full speed when bagging.
- Select a speed low enough to give good mower cutting performance, good quality cut and good bagging performance.

NOTE: It may be necessary to overlap width of cut to suit your conditions.

- If grass is extremely tall, it should be mowed twice. The first time relatively high, the second time to desired height.
- Use left hand side of mower for trimming.
- Plastic trash bags (3.0 mil, 30 gallon) can be inserted inside grass catcher containers for ease of debris disposal. To remove the plastic trash bags when full:
  a. Unlatch and raise cover.
  b. Remove one container at a time by grasping container handles and pulling toward the rear, off of the tube rails.
  c. With the container resting on the ground, close and secure the top of the plastic lawn bag.
  d. Tip the container on its side and slide the filled bag from the container.
  e. Install a new plastic lawn bag with the edges of the bag draped over upper lip of the Container (for replacement bags refer to REPLACEMENT PARTS).
  f. Repeat for other containers.
  g. Reinstall containers making sure right container overlaps left container at center supports.
  h. Close cover and secure latches over center support tubes.
- Avoid cutting wet grass or in the morning while the dew is still heavy. Grass clippings collected under these conditions tend to be sticky and adhere to the walls of the flow path causing clogging.
- Your bagger is equipped with a dump bag indicator. As the bags become full, the flow indicating ball will drop down in its slot, indicating that the bags are full or the chutes have become clogged. Care should be taken not to damage the parts and that the ball moves freely at the beginning of each use.
- If the grass catcher fails to pick up cut grass or leaves, it is an indication that clogging has occurred in the system or that the grass catcher containers are full.
  a. Disengage blades, place motion control levers in neutral position.
     - Unlatch and raise cover.
     - Slide out containers and dispose of clippings.
     - Replace containers, close cover, and latch.
  b. Unlatch chutes and check for clogging.
     - Remove all debris in chute.
     - Reassemble and latch chutes.
  c. Check to insure dump bag indicator has not become clogged.
     - The air passage hole must be clear of debris.
       Gently insert a small twig or wire into passageway to clear.

CAUTION

- **DO NOT operate mower with grass catcher partially installed.**
- **Disengage blades and stop engine before leaving mower seat to empty containers, unclogging chutes, etc.**
- **Close cover before starting.**
- **Disengage mower blades when crossing driveways or gravel surfaces and other areas where thrown objects could be a hazard.**
- **DO NOT attempt to vacuum up cans or other potentially hazardous projectiles.**

CUSTOMER RESPONSIBILITIES

GENERAL RECOMMENDATIONS:

Always observe safety rules when performing any maintenance.

- Before each use check for loose fasteners.
- Clean unit thoroughly after each use.

BLADE CARE:

For best results mower blades must be kept sharp. Replace bent or damaged blades.

- See BLADE CARE instructions in your mower operator's manual.

CAUTION

BEFORE PERFORMING ANY MAINTENANCE, SERVICE OR ADJUSTMENTS:

- **Set parking brake.**
- **Place motion control levers in "NEUTRAL" position.**
- **Place clutch control in "DISENGAGED" position.**
- **Turn ignition key to "OFF" position.**
- **Make sure blades and all moving parts have completely stopped.**
- **Disconnect spark plug wire(s) from spark plug(s) and place wire where it cannot come in contact with plug.**

CAUTION

Grass catcher components are subject to wear, damage and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts, when necessary.

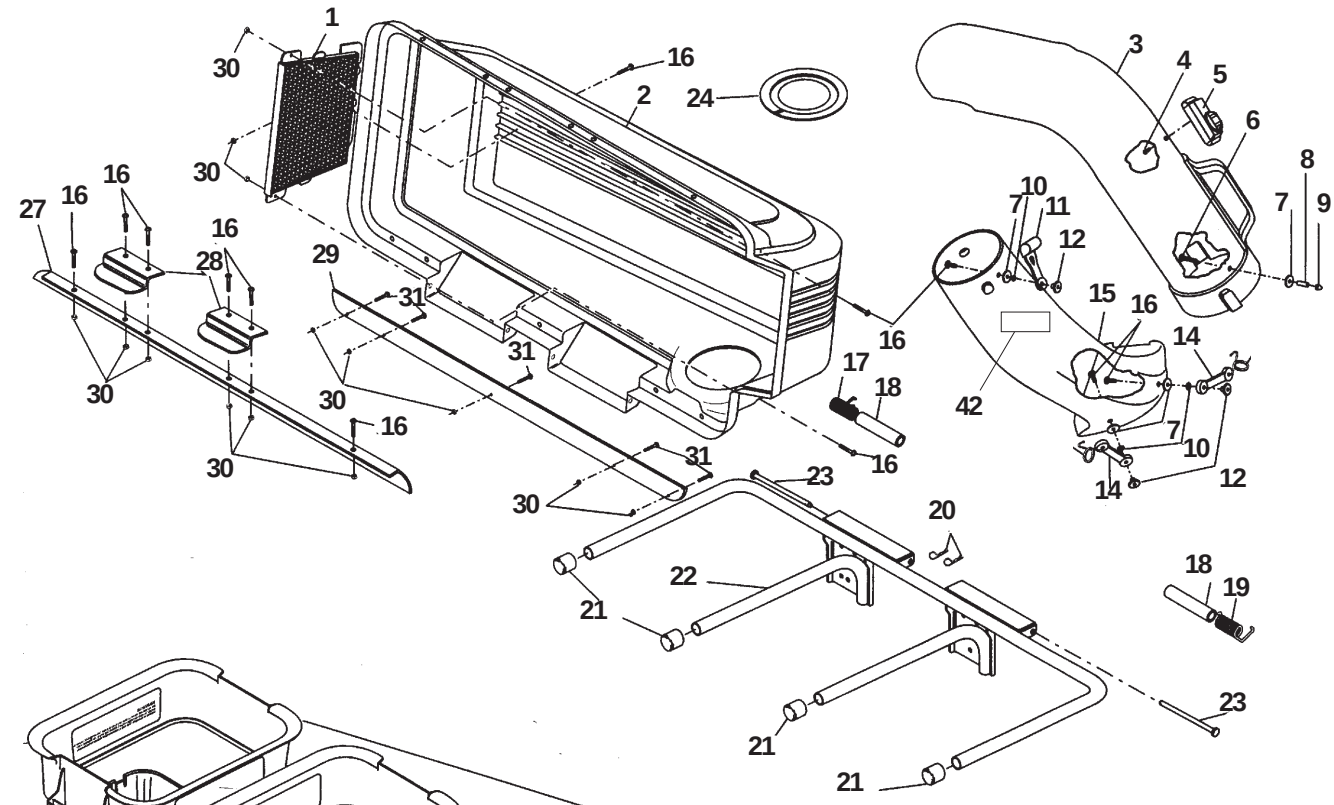
STORAGE:

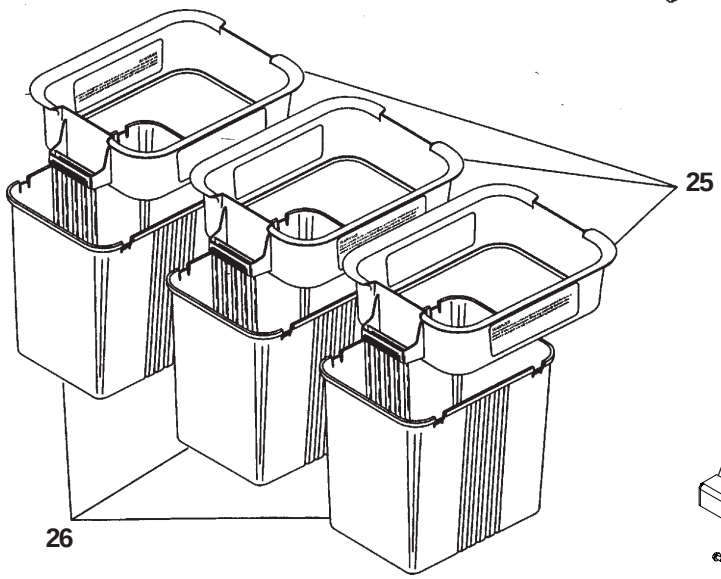
When grass catcher is to be stored for a period of time, clean it thoroughly, remove all dirt, grass, leaves, etc. Store in a clean, dry place.

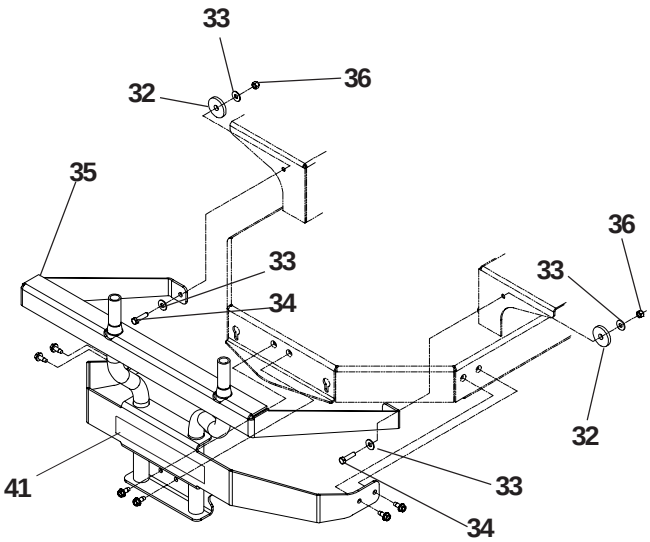
CAUTION

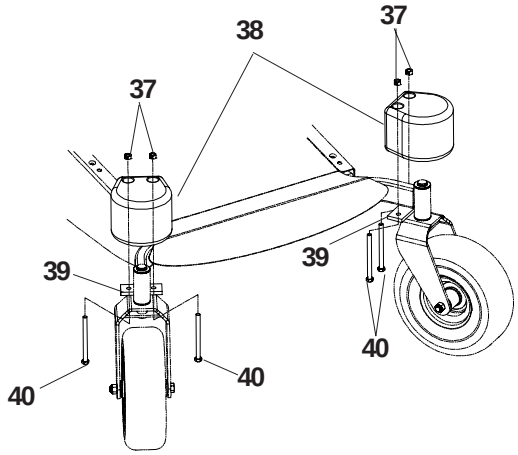
Do not leave grass in bagger containers. Empty containers after each use and before storing. Failure to do so may result in spontaneous combustion which could develop into a fire.

PARTS


1
30
16
2
24
3
4
5
6
8
7
9
10
11
12
15
16
14
42
7
10
12
14
16
27
16
16
28
29
31
30
31
16
17
18
16
30
16
30
31
30
23
20
22
21
18
19
23
21
21


25
26


33
32
36
35
33
34
36
33
32
41
33
34


38
37
37
39
39
40
40
40

PARTS

ITEM	PART NO.	QTY.	DESCRIPTION
1	539108078	1	Screen, cover
2	539108079	1	Cover
3	539108141	1	Chute, upper
4	539108081	1	Screw, #10-14 x 1/2, special
5	539108082	1	Dump bag indicator
6	539108083	1	Screw, #10-24 x 1 1/8
7	539108084	4	Washer, 3/16 x 3/4 x 16 Ga.
8	539108085	1	Spacer, split
9	539108086	1	Nut, #10-24, acorn
10	539107360	3	Lockwasher
11	539108088	1	Latch, chute
12	539108089	3	Nut, weld
14	539108194	2	Latch, assembly
15	539108092	1	Chute, lower
16	539976952	12	Screw, #10-24 x 5/8
17	539108093	1	Spring, cover L.H. (black)
18	539108094	2	Spacer, cover
19	539108095	1	Spring, cover R.H. (gray)
20	539108096	2	Spring, retainer
21	539108097	4	Plug, tubing end
22	539108098	1	Bagger, frame
23	539108099	2	Pin, hinge
24	539108100	1	Gasket, cover
25	539108101	3	Container, top
26	539108102	3	Container, bottom
27	539108103	1	Seal, cover
28	539108104	2	Handle, bagger cover
29	539108105	1	Strip, reinforcement
30	532069180	14	Nut, #10-24, crownlock (not included with unit)
31	532104419	5	Screw, #10-24 x 1/2 (not included with unit)
32	539106504	2	Washer, special
33	539990692	4	Washer, 5/16
34	539990627	2	Bolt, 5/16-18 x 1 1/4
35	539108014	1	Hitch
36	539990717	2	Nut, 5/16-18, nyloc
37	539990546	4	Nut, 3/8-16, centerloc
38	539108154	2	Wheel weight
39	539108156	2	Strap
40	539990591	4	Bolt, 3/8-16 x 4 1/2
41	539200732	1	Decal, Husqvarna
42	539108163	1	Decal, warning catcher

114 02 07-26

2003W33